



NOTES:
 1. SPECIFICATIONS:
 MATERIALS:
 BODY, WASHER & NUT: BRASS
 PLATING: GOLD 3 MICRO INCHES MIN.
 WASHER & NUT: BRASS
 PLATING: GOLD FLASH MIN.
 CENTER CONTACT: Be Cu
 PLATING: GOLD 50 MICRO INCHES MIN.
 INSULATOR: TEFLON

ELECTRICAL
 IMPEDANCE: 50 Ohms
 FREQUENCY RANGE: 0 TO 18 GHz
 WORKING VOLTAGE: <= 500V
 INSULATION RESISTANCE: >= 5000 MOhms
 CONTACT RESISTANCE:
 CENTER CONTACT: 3 MILLI Ohms MAX.
 OUTER CONTACT: 2 MILLI Ohms MAX.

MECHANICAL:
 DURABILITY: 500 MATING CYCLES.
 OPERATING TEMPERATURE: -65°C TO 125°C.
 CONNECTOR INTERFACE PER MIL-STD-348A

2. ALL DIMENSIONS ARE IN MM AND DIMENSIONS IN () ARE IN INCHES.

DRAWING REVISIONS			
REV	DOCUMENT	APP	DATE
2	PRELIM.		

CINCH PART NO.	CINCH CATALOG NO.
299 98 05 011	SMA50-1501

UNITS METRIC		AUTOCAD	Cinch	1700 FINLEY RD LOMBARD, IL 60148
DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS	DRAWN BY A.BALI	DATE 05/05/03	TITLE SMA SOCKET/JACK/STRA EDGE MOUNT 50 Ohms.	
FILET/RADIUS 0.50 MAX TOLERANCES H 0.13 K 0.13 M 0.13 P 0.13 R 0.13 S 0.13 T 0.13 V 0.13 W 0.13 X 0.13 Y 0.13 Z 0.13 ANGULAR FINISH R0.13	DESIGN ENGINEER A.BALI	05/05/03	MATERIAL SEE NOTE	CONTROL SPEC NUMBER C14526
THIS DOCUMENT IS THE PROPERTY OF CINCH. IF YOU HAVE THIS DOCUMENT AND ANY OF THE INFORMATION CONTAINED IN IT MAY BE REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN CONSENT OF CINCH.	DESIGN ENGINEERING MGR.		MATERIAL SPEC NUMBER FINISH	PROJECT NUMBER C14526
	MFG. ENGINEERING		CAD FILE NUMBER SMA50-1501	DRAWING NUMBER SMA50-1501
	QUALITY ASSURANCE		CAGE IDENT NO. 71785	SCALE NTS
			SIZE B	SHEET 1 OF 1